

TROPICAL DEPRESSION 08

For the greater part of its life, TD 08 was an exposed low-level circulation with the major convective activity detached to the north of the surface center (Fig. 3-08-1). Aircraft reconnaissance confirmed an exposed surface circulation approximately 100 nm (185 km) south of the convective center at 241016Z.

TD 08 was not expected to intensify to

tropical storm strength as a result of strong vertical shear which began on 231200Z. However, initial warnings were issued based on the forecast track which indicated passage directly over Okinawa.

Post-analysis indicated that the calm-wind center did indeed track over Okinawa with most of the convective activity tracking well north of the island.

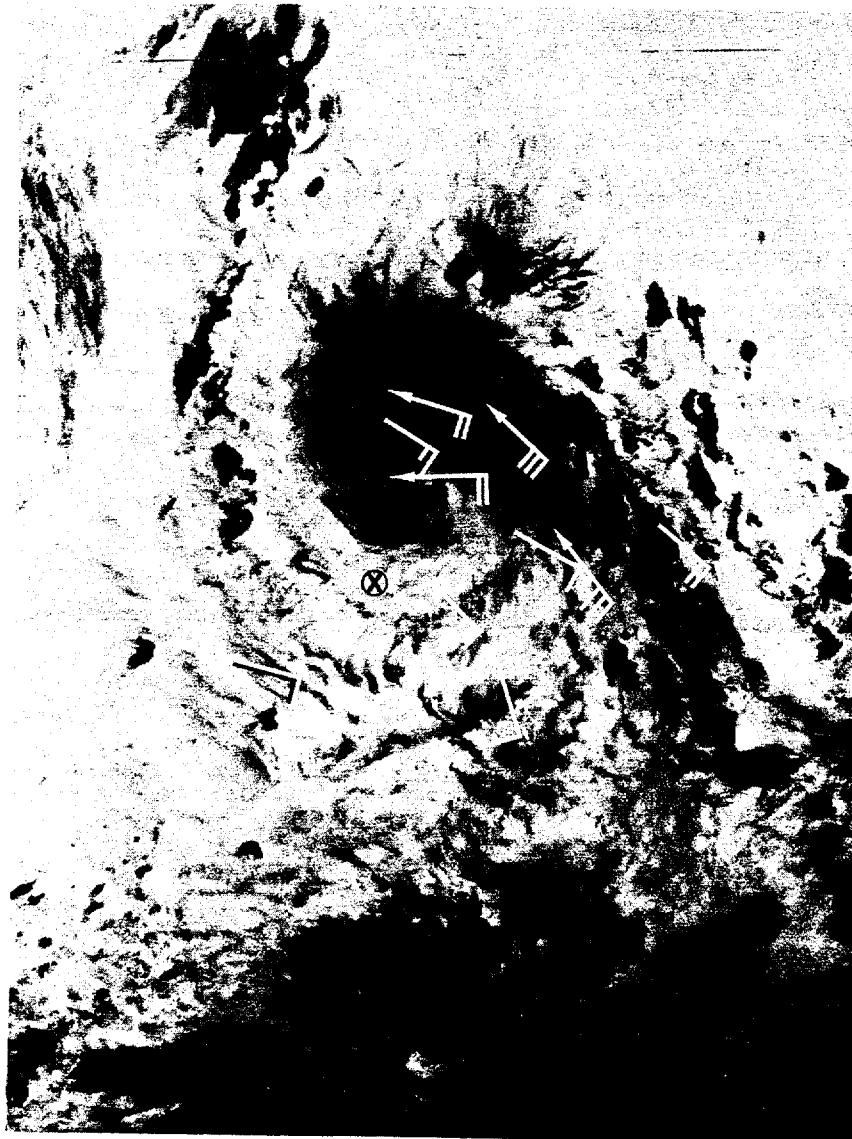


FIGURE 3-08-1. Infrared imagery of TD 08 at maximum intensity of 20 kt (37 m/sec), 24 July 1979, 1244Z. TD 08's 241200Z surface center (⊙) is depicted relative to surface ship reports (—) and 700 mb aircraft reports (←). (DMSP imagery)